

# **NCDOT Prioritization 3.0 Project Summary**

SPOT ID: H090244-A Mode: Highway Status: Submitted

### **NC-127**

From/Cross Street: SR 1400 (Cloninger Mill Road)

Specific Improvement Type: 16 - Modernize Roadway

To: SR 1156 (Richey Road)

**Project Category: Regional Impact** 

Length: 3.69

TIP#: R-3603A

#### Fully Funded in Draft STIP? No

Cost to NCDOT: \$30,438,000

#### **Description:**

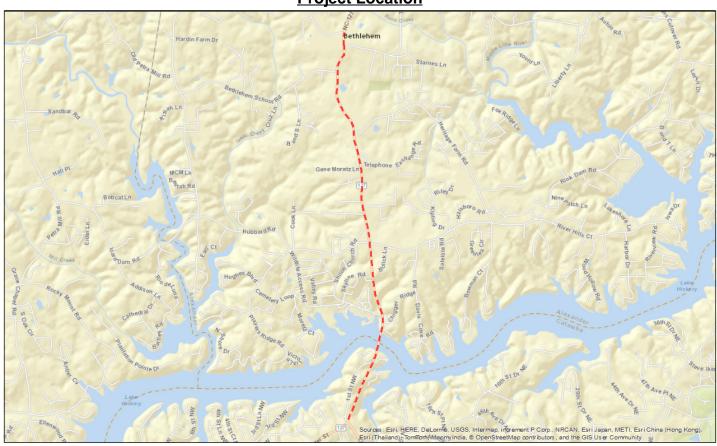
SR 1400 (Cloninger Mill Road)-SR 1351 in Catawba County to US 64-NC 90 in Alexander County. Upgrade Two Lanes and Provide Some Multi-Lane Curb and Gutter. Section A: SR 1400 (Cloninger Mill Road) to SR 1156 (Richey Road)

Road).

**Division(s):** Division 12 **County(s):** ALEXANDER, CATAWBA

MPOS(s)/RPO(s): Greater Hickory MPO

# **Project Location**



09/23/2014 01:48 PM Highway **1/4** 

NC-127 SPOT ID H090244-A

# **Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

**Regional Impact Total Score: 53.02** 

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Congestion (V/C) (25%)  Totals: Weight: 70% Weighted Score	80.90 0.00 13.06 54.50	Percent: 15% Points: 100	Percent: 15% Points: 100

# **Division Needs Total Score: 68.99**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)	54.50 80.90 0.00	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 18.99			

09/23/2014 01:48 PM Highway **2/4** 

### Project Data \*

### **Existing Conditions**

#### **Existing Cross-Section:** Speed Limit: 55 3.69 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Minor Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 0 Roadway has Curb & Gutter? No Volume (AADT): 13583.44 Capacity: 16610.38 Volume/Capacity Ratio: 0.82 % Autos: 96% % Trucks: 4% Truck Volume: 607.78 Crash Density: 98.18 Crash Severity: 77.19 67.37 Critical Crash Rate: Crash Frequency: 0 Severity Index: 0 2 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 22 Undivided Existing Median Type (for Cost Estimation): Pavement Condition Rating: 96 0 Actual Congested Speed: Travel Time Index: 0

#### **Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	3.69
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

09/23/2014 01:48 PM Highway **3/4** 

<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

NC-127 SPOT ID H090244-A

# **Project Ownership**

### **Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

# MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

# **Project Cost and Source**

Construction Cost:	\$30,438,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$30,438,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$30,438,000	

09/23/2014 01:48 PM Highway **4/4**